

Injection ferrite bonded

Injection ferrite bonded magnet compound

It is necessary to have advanced facilities and technology to provide high-quality low-price pellets for users. On the basis of importing the advanced granulator, the surface treatment technology, flame resistance technology, and compounding technology were developed by ourselves. Various grades and specifications of plastic ferrite magnet compound and pellets can be provided to the customers by means of strict quality control.

Application:

*Isotropic injection products

*Anisotropic injection products

Magnetic properties Of Injection Ferrite Bonded Magnet



TYPE NO.	Br (Gs)	Hcb (Oe)	Hcj (Oe)	BH(max) (MGOe)
FBP-1103	1300	1100	2600	0.35
FBP-1113	2300	2100	3100	1.3
FBP-1115	2540	2270	3300	1.56
FBP-1116	2600	2250	2700	1.62
FBP-1117	2680	2250	2550	1.74
FBP-1118	2770	2440	3100	1.83
FBP-1119	2820	2200	2500	1.90
FBP-1120	2880	2400	2950	2.03
FBP-1121	2970	2300	2600	2.10
FBP-1122	3020	3350	2560	2.21
FBP-1211	2970	2300	2600	2.10
FBP-1213	2400	2300	3050	1.63

FBP-1215	2500	2300	2900	1.51
FBP-1216	2600	2300	2800	1.65
FBP-1217	2630	2300	2750	1.68
FBP-1218	2700	2300	2700	1.82
FBP-1219	2880	2400	2950	1.95
FBP-1220	2920	2300	2860	2.08
FBP-1221	2980	2300	2550	1.16
FBP-1222	3050	3440	2720	2.25

Physical Characteristics of Injection Ferrite Magnet

NO.	Density(g/cm ³)	Tension Strength (Kg/cm ²)	Bend Strength (Kg/cm ²)	Impact Strength (Kg*cm/cm ²)	Hardness (Rsc)	Water Absorption (%)	Heat Distortion Temp. (°C)
FBP-1103	3.4	750	1500	18.0	115	0.15	160
FBP-1113	3.4	750	1800	24.0	116	0.15	160
FBP-1115	3.37	750	1800	24.0	118	0.15	160
FBP-1116	3.45	700	1800	24.0	118	0.15	163
FBP-1117	3.53	720	1850	22.0	120	0.15	165
FBP-1118	3.62	760	1800	20.0	120	0.15	167
FBP-1119	3.65	750	1800	17.0	121	0.15	169
FBP-1120	3.71	750	1800	16.5	121	0.14	172
FBP-1121	3.76	750	1500	13.0	122	0.14	175
FBP-1122	3.81	630	1500	12.0	122	0.14	117
FBP-1211	3.76	630	1100	25.0	103	0.07	110
FBP-1213	3.22	630	1100	23.0	104	0.07	113
FBP-1215	3.30	630	1150	23.0	110	0.07	117
FBP-1216	3.45	600	1150	21.0	112	0.05	118
FBP-1217	3.45	550	1200	20.0	112	0.05	120
FBP-1218	3.51	550	1200	19.0	114	0.05	120
FBP-1219	3.60	500	1200	17.0	115	0.04	125
FBP-1220	3.73	470	900	12.0	115	0.04	128
FBP-1221	3.80	450	800	12.0	115	0.04	135
FBP-1222	3.90	430	800	8.5	115	0.04	137